

=====

Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Wed Jun 13 18:14:48 EDT 2007

=====

Application No: 10669503 Version No: 2.1

Input Set:

Output Set:

Started: 2007-06-13 18:14:33.752
Finished: 2007-06-13 18:14:34.337
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 585 ms
Total Warnings: 8
Total Errors: 0
No. of SeqIDs Defined: 10
Actual SeqID Count: 10

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)

SEQUENCE LISTING

<110> KANEKA CORPORATION

<120> Process for producing optically active pyridineethanol derivatives

<130> 21581-00256-US1

<140> US 10/669,503

<141> 2003-09-25

<150> US 09/787,746

<151> 2001-03-21

<150> PCT/JP00/04237

<151> 2000-06-28

<150> JP P1999-206503

<151> 1999-07-21

<160> 10

<170> PatentIn version 3.4

<210> 1

<211> 254

<212> PRT

<213> Candida maris

<400> 1

Met Ser Tyr Asn Phe Ala Asn Lys Val Leu Ile Val Thr Gly Gly Leu
1 5 10 15

Ser Gly Ile Gly Leu Ala Val Ala Lys Lys Phe Leu Gln Leu Gly Ala
20 25 30

Lys Val Thr Ile Ser Asp Ile Ser Ala Thr Glu Lys Tyr Asn Thr Val
35 40 45

Val Gly Glu Phe Lys Thr Glu Gly Ile Asp Val Lys Asn Val Gln Tyr
50 55 60

Ile Gln Ala Asp Ala Ser Lys Glu Ala Asp Asn Glu Lys Leu Ile Ser
65 70 75 80

Glu Thr Leu Ser Ala Phe Gly Asp Leu Asp Tyr Val Cys Ala Asn Ala
85 90 95

Gly Ile Ala Thr Phe Thr Gln Thr Thr Asp Ile Ser Tyr Asp Val Trp

100

105

110

Arg Lys Val Thr Ser Ile Asn Leu Asp Gly Val Phe Met Leu Asp Lys
 115 120 125

Leu Ala Ala Gln Tyr Phe Leu Ser Lys Asn Lys Pro Gly Ala Ile Val
 130 135 140

Asn Met Gly Ser Ile His Ser Tyr Val Ala Ala Pro Gly Leu Ser His
 145 150 155 160

Tyr Gly Ala Ala Lys Gly Gly Leu Lys Leu Leu Thr Gln Thr Met Ala
 165 170 175

Leu Glu Tyr Ala Ala Lys Gly Ile Arg Val Asn Ser Val Asn Pro Gly
 180 185 190

Tyr Ile Lys Thr Pro Leu Leu Asp Ile Cys Pro Lys Glu His Met Asp
 195 200 205

Tyr Leu Ile Thr Gln His Pro Ile Gly Arg Leu Gly Lys Pro Glu Glu
 210 215 220

Ile Ala Ser Ala Val Ala Phe Leu Cys Ser Asp Glu Ala Thr Phe Ile
 225 230 235 240

Asn Gly Ile Ser Leu Leu Val Asp Gly Gly Tyr Thr Ala Arg
 245 250

<210> 2

<211> 765

<212> DNA

<213> Candida maris

<400> 2

atgtcctaca attttgccaa caaagttctt attgtgaccg gaggtctgtc cggtattgga 60

cttgcaagttg caaagaagtt tcttcaactc ggggccaaag tgacaatttc tgatatttct 120

gccactgaaa agtacaacac gggtgttaggt gaggttcaaaa ccgaggggcat tgatgtcaag 180

aatgttcagt atattcaggc cgatgcaagc aaagaggccg acaacgagaa gctcatctcc 240

gagacactgt ctgctttcgg tgatctcgac tacgtgtgcg caaatgctgg aattgccact 300

ttcacacaga ctacagatat ctctacgac gtctggagga aggtaaccag cattaatctt 360

gacggtgttt tcatgcttga taaactagct gcacaatact ttttgagcaa gaacaagcca	420
ggtgctattg tcaacatggg ttccattcac tcgtatgtgg ccgctcctgg actttctcac	480
tacggtgcgg ccaaaggagg tctgaagcta ctgactcaga ccatggccct tgagtatgcc	540
gcaaaaggta taagagttaa ctcggtcaat cctggttaca tcaagacacc attgcttgat	600
atttgcccta aagaacacat ggattacctt atcactcagc atccaattgg acgtctcgga	660
aagcctgaag agattgcaag tgctgttgca tttctgtgct ctgacgaggc tacatttata	720
aacggaatct ccttgttggt agacggtggt tataccgcaa gataa	765

<210> 3
 <211> 20
 <212> DNA
 <213> artificial

<220>
 <223> oligonucleotide primer

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<400> 3	
ggngcnathg tnaayatggg	20

<210> 4
 <211> 20
 <212> DNA
 <213> artificial

<220>
 <223> oligonucleotide primer

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (15)..(15)
<223> n is a, c, g, or t

<400> 4
ccdatnggrt gytgngtdat 20

<210> 5
<211> 25
<212> DNA
<213> artificial

<220>
<223> oligonucleotide primer

<400> 5
ggagcggcca catacgagtg aatgg 25

<210> 6
<211> 25
<212> DNA
<213> artificial

<220>
<223> oligonucleotide primer

<400> 6
agacaccatt gcttgatatt tgccc 25

<210> 7
<211> 27
<212> DNA
<213> artificial

<220>
<223> oligonucleotide primer

<400> 7
cgccatatgt cctacaattt tgccaac 27

<210> 8
<211> 33
<212> DNA
<213> artificial

<220>
<223> oligonucleotide primer

<400> 8
gcggaattct tattatcttg cggataacc acc 33

<210> 9
<211> 43
<212> DNA
<213> artificial

<220>
<223> oligonucleotide primer

<400> 9
gccgaattct aaggaggta acaatgtata aagatttaga agg

43

<210> 10
<211> 28
<212> DNA
<213> artificial

<220>
<223> oligonucleotide primer

<400> 10
gcggtcgact tatccgcgctc ctgcttgg

28